

Claim 1 (Currently Amended). A lift including a load carrier;
a hydraulic ram operable to displace said load carrier in a substantially vertical direction;
and
a counterbalance operable to reduce the load imposed by said load carrier on said
hydraulic ram,
said lift being ~~characterised~~ characterized in that said counterbalance includes a chamber
of substantially constant volume housing a ~~pressurised~~ pressurized fluid.

Claim 2 (Currently Amended). A lift as claimed in claim 1 wherein said counterbalance
is a stroke-based ~~device as herein defined~~.

Claim 3 (Currently Amended). A lift as claimed in claim 1 ~~or 2~~ wherein said
counterbalance is formed in unit with said hydraulic ram.

Claim 4 (Currently Amended). A lift as claimed in claim 3 wherein said counterbalance
includes ~~is defined, in part, by~~ an annular chamber provided about said hydraulic ram.

Claim 5 (Original). A lift as claimed in claim 4 wherein said counterbalance further
includes an annular slider having an upper surface and a lower surface, said slider being
displaceable within said annular chamber with movement of said hydraulic ram, wherein said
slider has axial ports therein linking said upper surface to said lower surface, and wherein the
area of said lower surface is greater than the area of said upper surface.

Claim 6 (Currently Amended). A lift as claimed in claim 1 ~~any one of the preceding~~
~~claims~~ wherein said ~~pressurised~~ pressurized fluid comprises a ~~pressurised~~ pressurized gas.

Claim 7 (Currently Amended). A lift as claimed in claim 6 wherein said ~~pressurised~~
pressurized gas comprises nitrogen.

Claim 8 (Currently Amended). A lift as claimed in claim 1 ~~any one of the preceding~~
~~claims~~ wherein said counterbalance is constructed and arranged to provide a counterbalance
effect of less than the weight of said load carrier.

Claim 9 (Original). A lift as claimed in claim 8 wherein said counterbalance is
configured to provide a counterbalance effect of 70 to 90% of the weight of said load carrier.

Claim 10 (Currently Amended). A drive unit for hydraulic lift, said drive unit including
an hydraulic ram having a cylinder and a piston extendible and retractable with respect to said
cylinder, said unit being ~~characterized~~ characterized in that it further includes a counterbalance
integral with said hydraulic ram, said counterbalance including a chamber of substantially
constant volume housing a ~~pressurised~~ pressurized fluid.

Claim 11 (Original). A drive unit as claimed in claim 10 wherein said chamber of
substantially constant volume is annular in form and arranged about the axis of said cylinder.

Claim 12 (Original). A drive unit as claimed in claim 11 wherein said chamber is defined, in part, by said piston and by said cylinder.

Claim 13 (Currently Amended). A drive unit as claimed in claim ~~any one of claims 10 to 12~~ wherein said ~~pressurised~~ pressurized fluid comprises a ~~pressurised~~ pressurized gas.

Claim 14 (Currently Amended). A method of reducing the power requirement of an hydraulic lift which includes a load carrier and an hydraulic ram operable to displace said load carrier in a substantially vertical direction,

said method including positioning a counterbalance so as to reduce the load imposed by said load carrier on said hydraulic ram, said counterbalance including a chamber of substantially constant volume housing a ~~pressurised~~ pressurized fluid.

Claim 15 (Original). A method as claimed in claim 14 further including providing said counterbalance in unit with said hydraulic ram.